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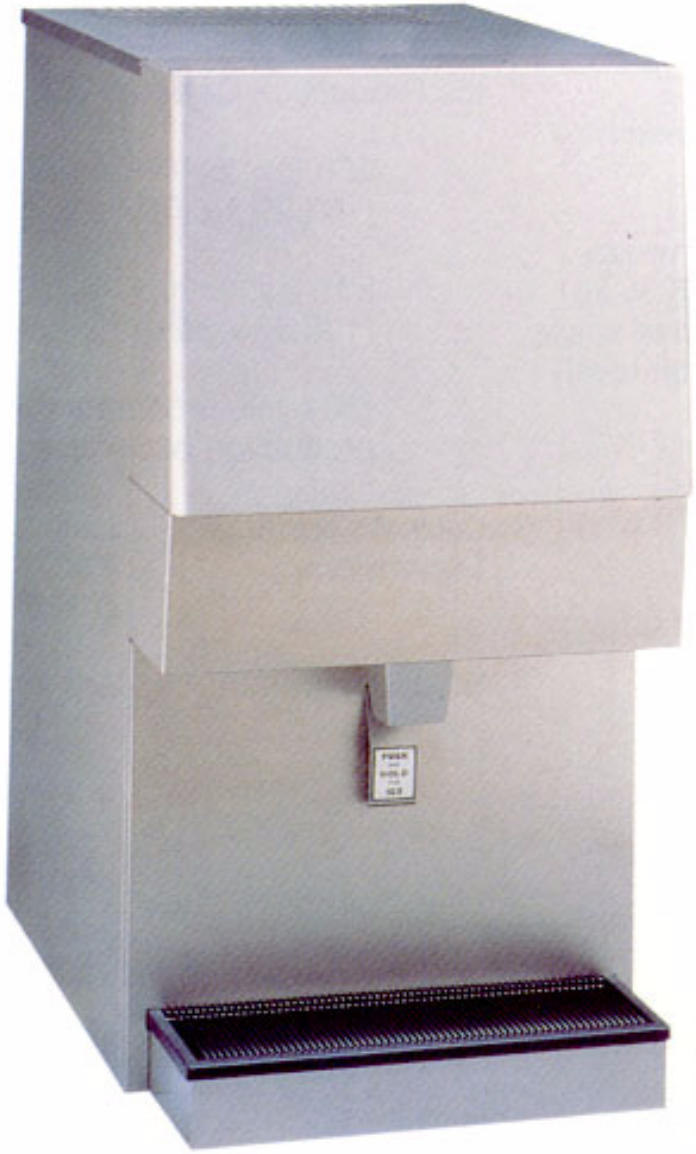
ILLUSTRATED PARTS LIST
COUNTERTOP ICEMAKER IMD SERIES



Manual Part No.: 638085277IPL
Rev: A April 7, 2004
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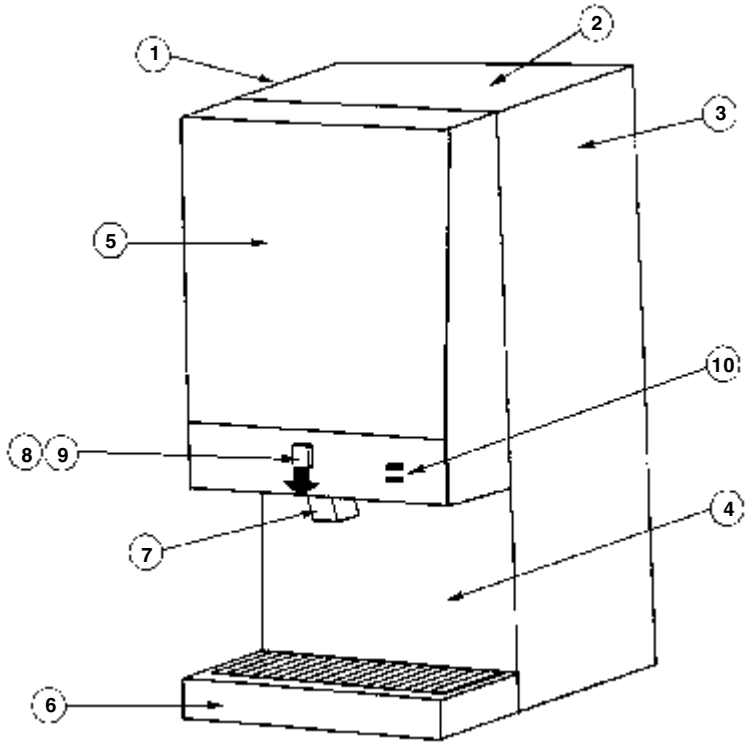

IMD 300-15 CABINET PARTS ASSEMBLY AND PARTS LIST

Item No.	Part No.	Name
1	638032724	Panel Left Side
2	638032731	Panel Top
3	638032721	Panel Right Side
4	638032768-002 638032768-003	Splash Panel Asmb Push Button Splash Panel Asmb Lever
5	638032715-007 638832715-006	Front Panel Push Button Front Panel Lever
6	638032766 638032765 638032729 638032725	Drain Tray Kit (Tray, Grill & Skirt) Drain Tray Assembly Grill Drain Tray Drain Tray Skirt

Item No.	Part No.	Name
7	638032822	Ice Chute
8	638038588	Cover Dispense Switch, Push Button
9	638038589	Switch Dispense, Push Button
10	638032785	Switch Rocker
*	638032818	Wire Harness Front Cover

* Not Shown

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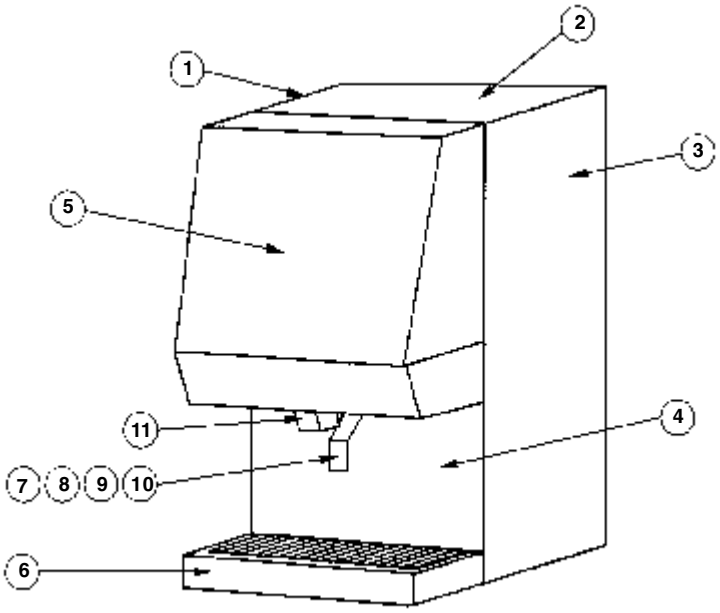
ILLUSTRATED PARTS LIST



IMD 300-30 AND IMD 600-30 CABINET PARTS ASSEMBLY AND PARTS LIST

Item No.	Part No.	Name
1	638032037	Panel Left Side
2	638032038	Panel Top
3	638032036	Panel Right Side
4	638032030-002 638032145-006	Splash Panel Lever Actuated Splash Panel Push Button
5	638032025-001 638032025-002	Front Panel Lever Actuated Front Panel Push Button
6	638032050 638032043 638032044 638032041	Drain Tray Kit (Tray, Grill & Skirt) Drain Tray Assembly Grill Drain Tray Drain Tray Skirt
7	638006529	Cover Switch Lever Actuated
8	638008315	Switch Dispense Lever Actuated

Item No.	Part No.	Name
9	638031162	Boot Switch Lever Actuated
10	638009627	Plate Dispense Lever Actuated
*	638032049	Label “Push & Hold for Ice”
*	638038589	Switch Dispense, Push Button
*	638011601	Wire Asm. Switch Dispense (Push Button Actuated)
*	638038588	Cover Dispense Switch, Push Button
*	638011643	Cable Asm. Lever Actuated
11	638032039	Ice Chute

* Not Shown

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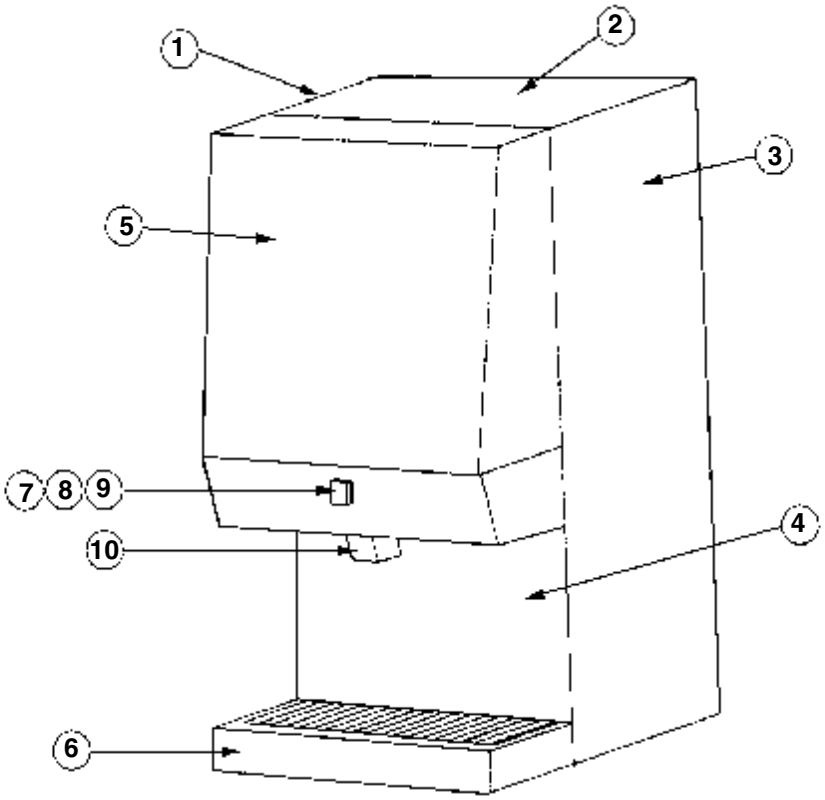
ILLUSTRATED PARTS LIST



IMD 600-90 CABINET PARTS ASSEMBLY AND PARTS LIST

Item No.	Part No.	Name
1	638032539	Panel Left Side
2	638032537	Panel Top
3	638032538	Panel Right Side
4	638032040-006	Panel Splash Asm. - Push Button
*	638032541-001	Panel Splash Asm. Lever Actuated
5	638032536-002	Front Cover, Push Button
*	638032536-001	Front Panel Lever Actuated
6	638032548 638059270 638058805 638032531 638033508 638033509 638032531-001	Drain Tray Kit (Tray, Grill & Skirt) Drain Tray Assembly Grill Drain Tray Drain Tray Skirt Drain Tray, 8 Valve Drink Front Grill Drain Tray, 8 Valve Drink Front Drain Tray Skirt, 8 Valve Drink Front

Item No.	Part No.	Name
7	638038588	Cover Dispense Switch Push Button
*	638006529	Cover Switch, Lever Actuated
8	638038589	Switch Dispense Push Button
9	638011601 638008315 638011643 638031162 638009627	WIre Asm Dispense Push Button Switch Dispense Lever Actuated Cable Asm Lever Actuated Boot Switch, Lever Actuated Plate Dispense, Lever Actuated
10		
*		
*		

* Not Shown

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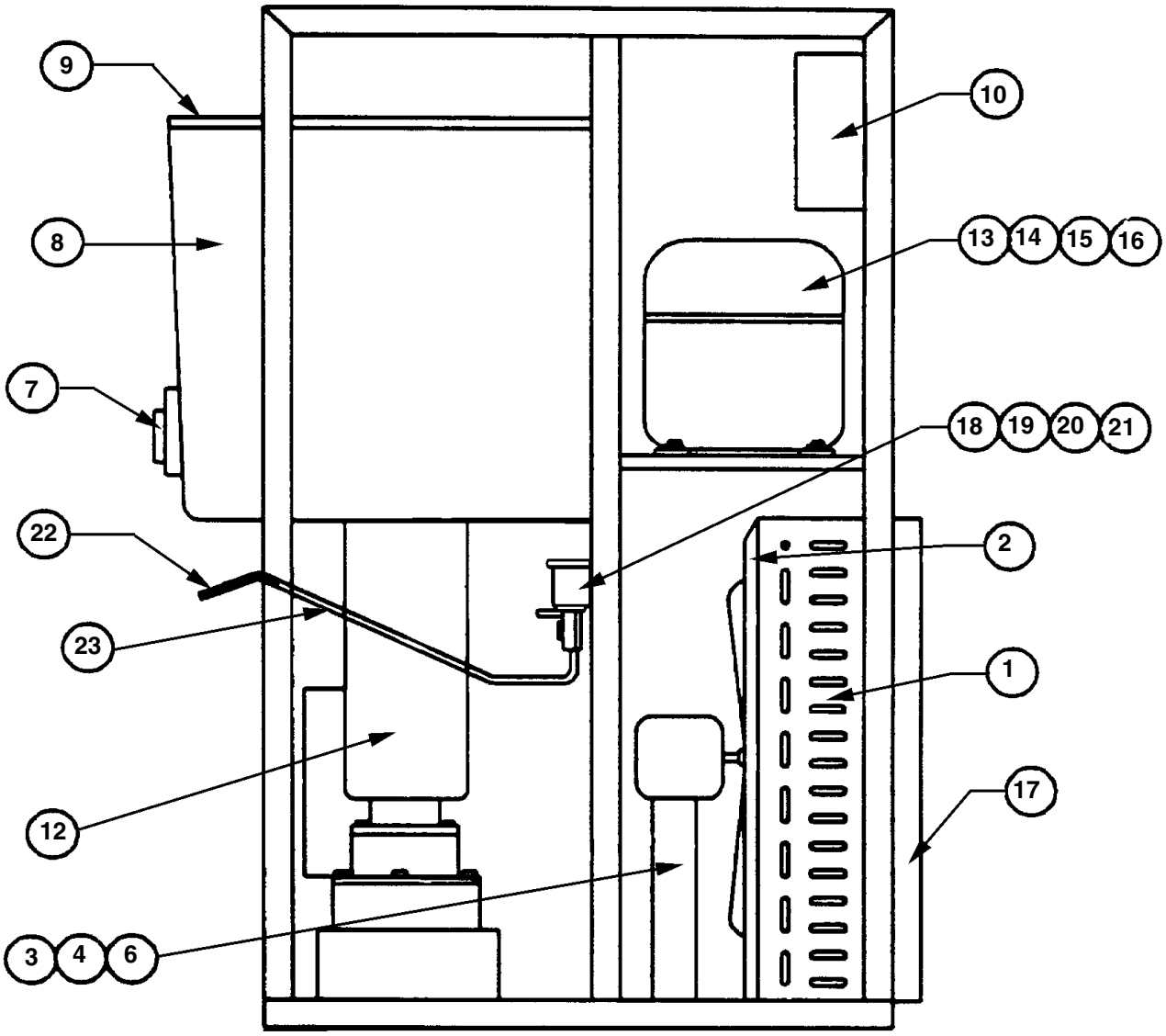
ILLUSTRATED PARTS LIST



REFRIGERATION AND FRAME ASSEMBLY IMD 300-15

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638000784	Condenser
2	638000872	Shroud Fan
3	638001007	Fan Blade
4	638003599	Bracket Fan Mounting
*5	638032843	Water Level Control
6	638000525 638010016	Fan Motor 115V Fan Motor 220V
7	638031108 638031108-01	Dispense Mechanism (115V) Dispense Mechanism (220V)
8	630000717	Storage Bin Asmb.
9	638032770 638032770-002	Ice Level Control (115V) Ice Level Control (220V)
10	638032776 638032776-002	Electrical Box Asm. (115V) Electrical Box Asm. (220V)
*11	638031763-002	Drain Receptacle Asm.
13	638032739 638032845	Compressor 1/3hp R-134a (115V) Compressor 1/3hp R-134a (220V)

Item No.	Part No.	Name
*	638004393	Drier
*14	638030732 638032845001	Overload 115V Overload 220V
*15	638030733 638032845002	Relay 115V Relay 220V
*16	638030734 638032845-003	Start Capacitor 115V Start Capacitor 220V
17	638032714	Air Filter
18	638032762 638032762-002	Water Valve (115V) Water Valve (220V)
19	638032777	Valve Needle 1/4 X 1/4 Female Pipe
20	638032778	1/4 Hose Barb X 1/4 MPT
21	638007373	Connector 1/4 ML X 1/4 FPT Brass
22	638032815	Water Dispense Tube
23	638006070	Tube Vinyl

* Not Shown

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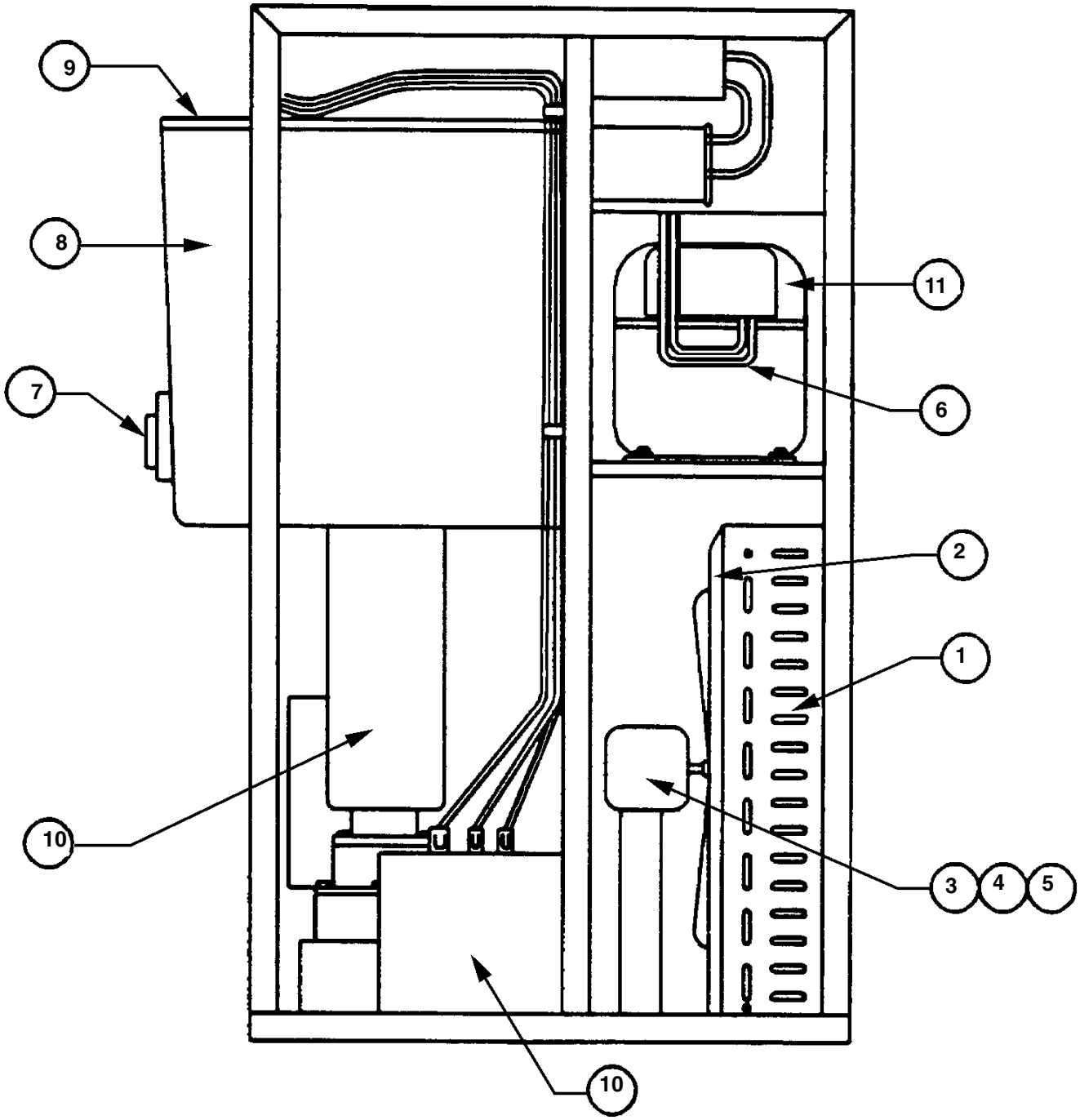
ILLUSTRATED PARTS LIST



REFRIGERATION AND FRAME ASSEMBLY IMD 300-30 AND IMD 600-30

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638004204 638036383 638036272	Condenser Air Cooled Condenser IMD 300 Water Cooled Condenser IMD 600 Water Cooled
2	638004285	Shroud Fan
3	638004387	Fan Blade
4	638004391	Bracket Fan Mounting
*	638004643-04	Water Level Control
5	638008646 638008886-001	Fan Motor (115V) Fan Motor (220V)
*	638008943	Exhaust Fan (Water Cooled Units)
*	638033058	Mounting Bracket Exhaust Fan

Item No.	Part No.	Name
6	638011480-01	Cable Assembly
7	638031108 638031496-001 638031108-01	Dispense Mechanism (115V) Dispense Mechanism (208V) Dispense Mechanism (220V)
8	630000716 630000715	Storage Bin 300-30 Storage Bin 600-30
9	638031494-001 638031494-002	Ice Level Control (115V) Ice Level Control (220V)
*	638031763-002	Drain Receptacle Asm.
*	164980002	Valve Water Regulating (Water Cooled)
*	638009755	Pressure Switch (Water Cooled)
*	638004393	Drier

* Not Shown

Item No.	300-30	302-30	600-30	602-30	Description
11	631500016	631500017	631500018	631500019	Compressor Kit
*	638090121	638090131	638090221	162964041	Compressor
*	161998008	161998011	161998009	161998015	Start Relay
*	161165007	161165010	161165008	25335	Start Capacitor
*	638090123		161192004		Run Capacitor
*			638090221-001		Overload

NOTE: Compressor kit includes compressor, start components, and drier.

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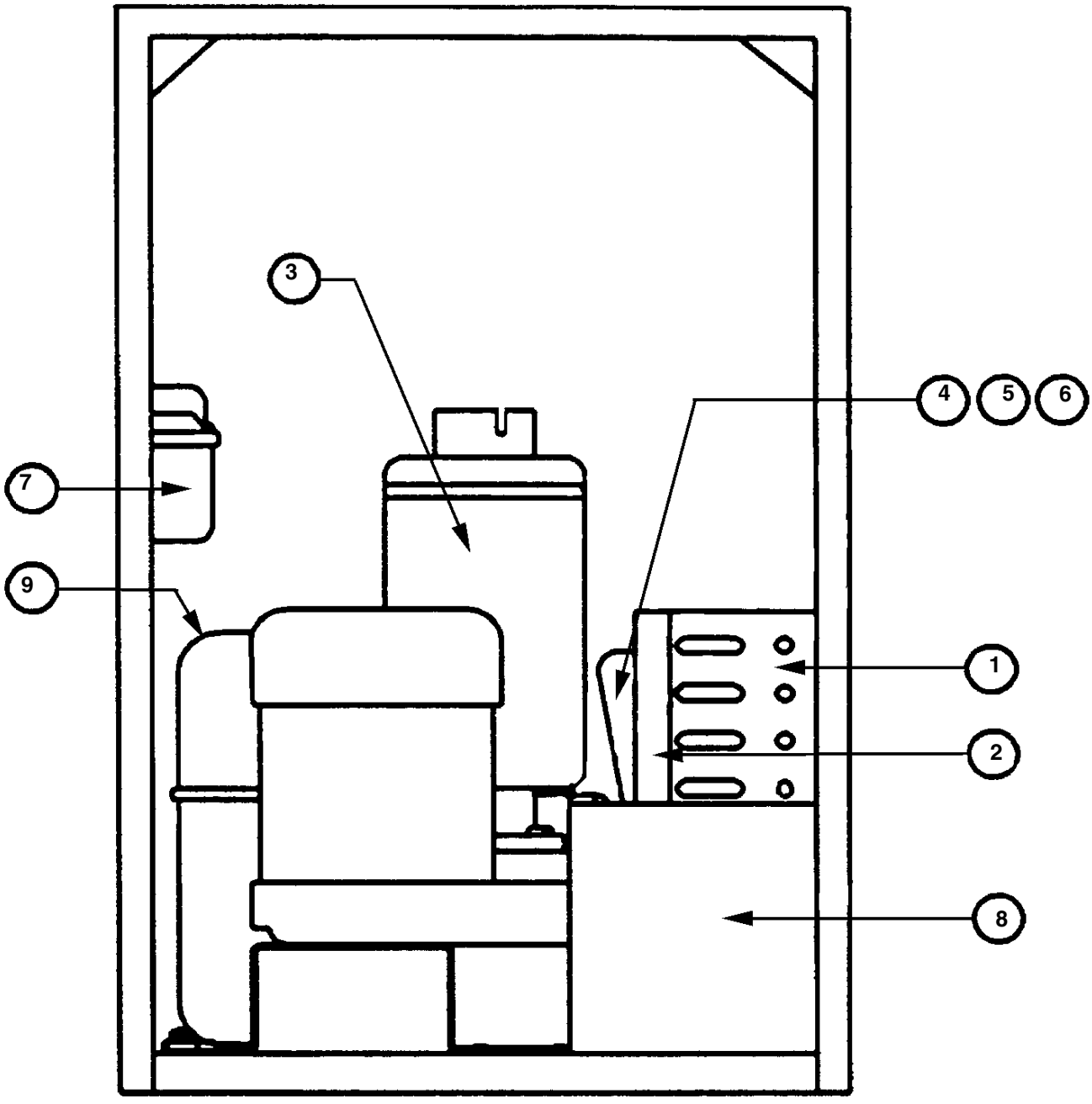
ILLUSTRATED PARTS LIST



REFRIGERATION AND FRAME ASSEMBLY IMD 600-90

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638036273 638036272	Condenser Air Cooled Condenser Water Cooled
2	638090635	Shroud Condenser
3	638090630 638090630-001 638090630-002	Front End Asm. (115V) Front End Asm. (208V) Front End Asm. (220V)
4	638090236 638090234 638090233	Fan Motor (115V) Fan Motor (208V) Fan Motor (220V)
5	638090009	Bracket Fan Motor
6	638096723	Fan Blade
7	630900548	Water Level Control Asm.

Item No.	Part No.	Name
8	638090625 638090625-002	Electrical Box Asm. (115V) Electrical Box Asm. (220V)
*	164980002	Valve Water Regulating Water Cooled
*	638009755	Pressure Switch Water Cooled
*	638008943	Fan Exhaust (115V) Water Cooled
*	638031832	Bracket Exhaust Fan Water Cooled
*	638031763-00	Drain Receptacle Assembly

* Not Shown

Item No.	600-90	602-90	Description
9	631500018	631500019	Compressor Kit
*	638090221	162964041	Compressor
*	161998009	161998015	Start Relay
*	161165008	25335	Start Capacitor
*	161192004		Run Capacitor
*	638090221-001		Overload

NOTE: Compressor kit includes compressor, start components, and drier.

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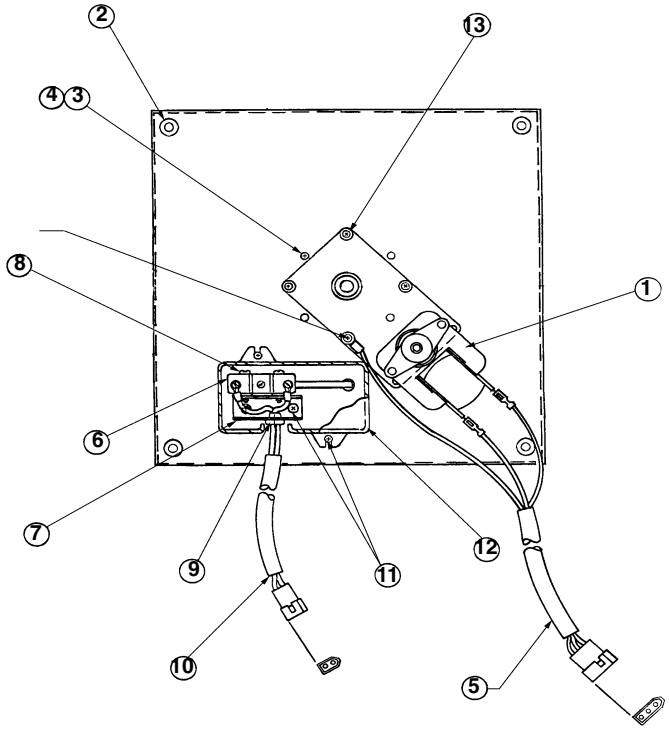
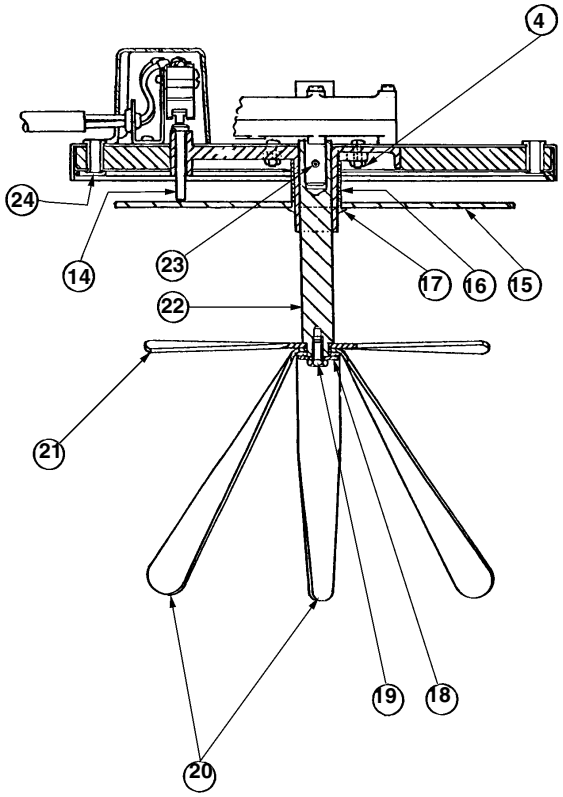
ILLUSTRATED PARTS LIST



TOP VIEW ICE LEVEL CONTROL ASSEMBLY



SIDE VIEW ICE LEVEL CONTROL ASSEMBLY

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638032760 638032760-002	Gear Motor Dispense (115V) Gear Motor Dispense (220V)
2	638032759	Spacer Eyelet
3	638007051-08	Screw No.10-32 X 5/8” Long BHMS
4	638007204-06	Nut No.10-32 Keps Stainless Steel
5	638032748	Cable Gear Motor
6	638003924	Switch
7	638032745	Switch Bracket
8	638007002-12	Screw No.6-32 X 1” Long
9	638007341-10	Strain Relief
10	638032771	Cable Ice Level Control
11	638007009-02	Screw No.6 X 3/8” Long
12	638004001	Cover Switch

Item No.	Part No.	Name
13	638007026-16	Screw No.8-32 X 1-1/2” Long
14	638032747	Rod Actuator
15	638032750	Ice Level Plate
16	638032754	Spacer
17	638032713	Push On Ring 1” Dia.
18	638007301-18	Washer Plain Flat
19	27103	Screw 1/4-20 X 1/2” Long
20	638032719	Agitator Arm
21	638032718	Upper Agitator Plate
22	638032761	Agitator Shaft
23	638007345-07	Roll Pin .125 Dia. X 3/4” Long
24	638036645	Gasket Strip 4 pieces at 10-3/8” Long

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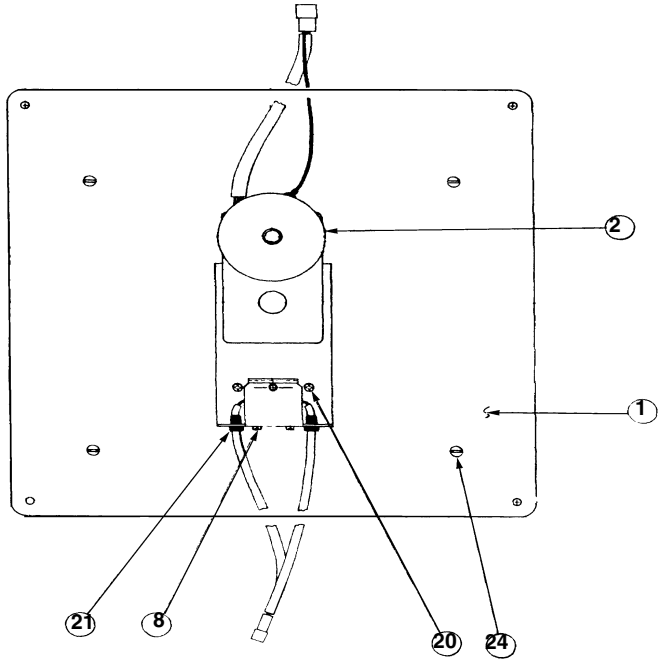
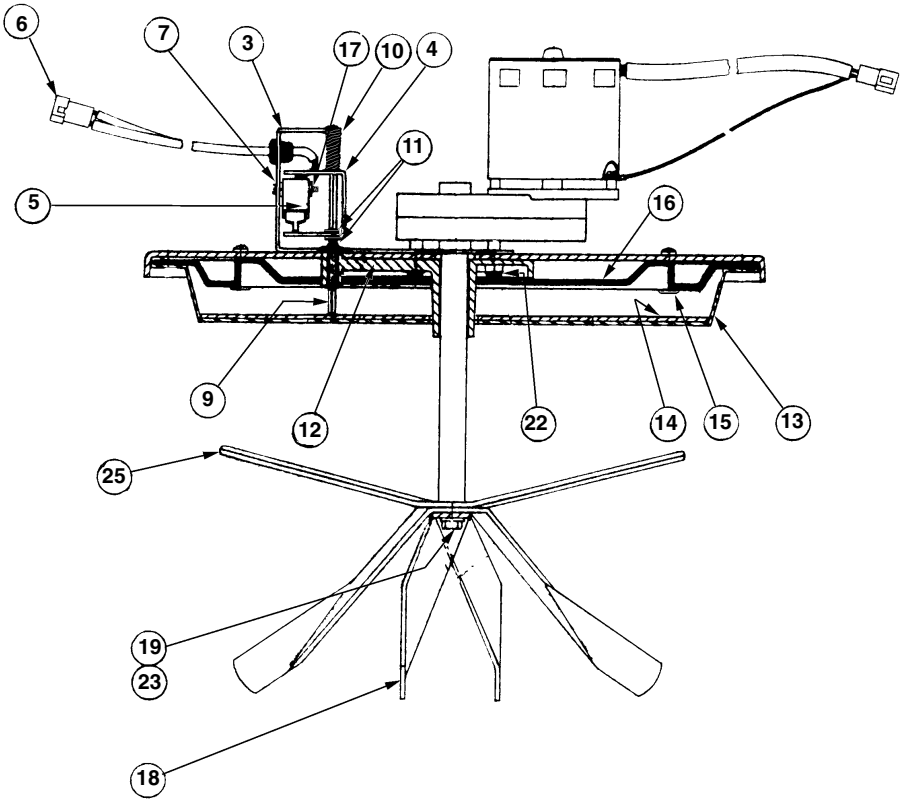
ILLUSTRATED PARTS LIST



TOP VIEW ICE LEVEL CONTROL ASSEMBLY IMD 300-30 AN 600-30
PART NUMBER 638031494-001 (115V) AND 638031494-002 (220V)



SIDE VIEW ICE LEVEL CONTROL ASSEMBLY IMD 300-30 AN 600-30
PART NUMBER 638031494-001 (115V) AND 638031494-002 (220V)

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638031075	Top Cover Outside
2	638031493-001 638031493-002	Dispense Motor Asm. (115V) Dispense Motor Asm. (220V)
3	638031077	Switch Mounting Bracket
4	638031011	Switch Bracket
5	638031156	Ice Level Switch
6	638011396	Bin Control Cable
7	638007308-01	Washer Fibre
8	638007009-10	Screw No.6-32 X 1-1/4” Long
9	638031010	Rod Actuator
10	638031014	Spring Return
11	638007337-02	E-Ring
12	638031146	Motor Mounting Bracket
13	638031150	Diaphram

Item No.	Part No.	Name
14	638031147	Ice Level Plate
15	638031100-06	Rivnut Fastener
16	638031076	Top Cover Inside
17	638007264-02	Nut Tinnerman Twin
18	638031078	Agitator Arm
19	27103	Screw 1/4-20 X 1/2” Long
20	638007002-03	Screw No.6-32 X 3/8” Long
21	07313	Strain Relief
22	70910	Screw No.10-32 X 1-1/4” Long
23	638007301-18	Washer
24	07051-07	Screw No.10-32 X 3/8” Long
25	638031159	Upper Agitator Arm
*	638011620	Main Power Cable

* Not Shown

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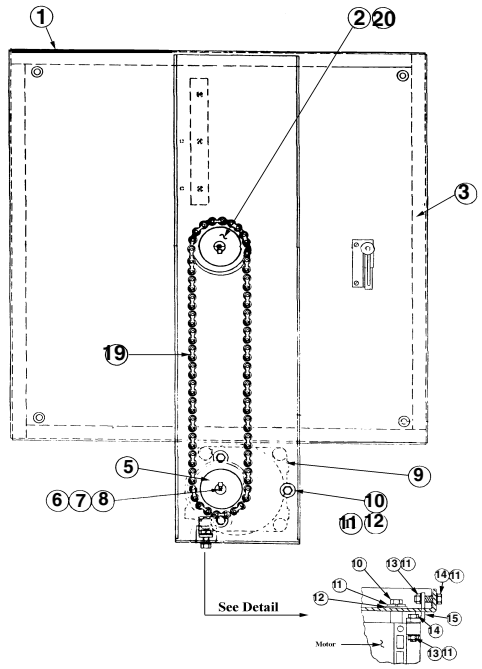
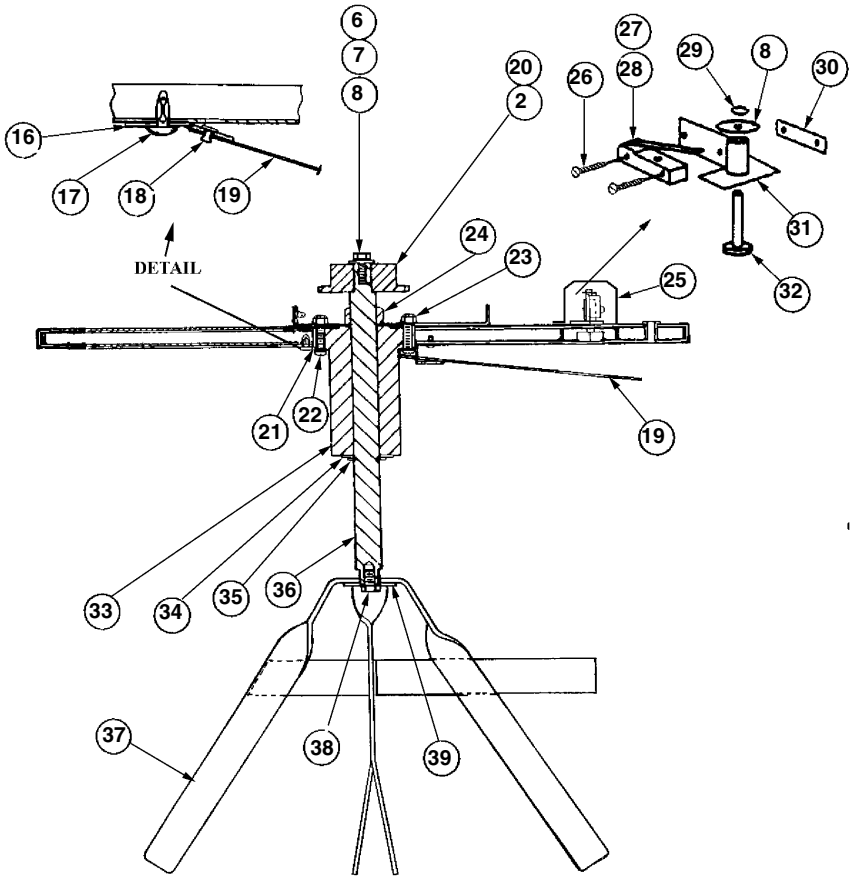
ILLUSTRATED PARTS LIST



TOP VIEW ICE LEVEL CONTROL ASSEMBLY IMD 600-90



SIDE VIEW ICE LEVEL CONTROL ASSEMBLY IMD 600-90

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638031893	Insulated Bin Cover Asm.
2	638036605	Sprocket 24T
3		Gasket (underside of bin cover)
4	638009062-02	Chain
5	638036604	Sprocket 20T
6	01470	No.10 Lock Washer
7	638007052-02	Screw No.10-32 X 1/2" Long
8	638000845	No.10 Flat Washer
9	638036587-01 638031849 638031849	Dispense Motor Asm (115V) Dispense Motor Asm. (208V) Dispense Motor Asm. (220V)
10	638005633	Special Screw 1/4-20 X 9/16" Long
11	00885	Washer 1/4 External Tooth
12	168833003	Flat Washer
13	638007206-07	Jam Nut 1/4-20
14	638007088-06	Screw 1/4-20 X 3/4" Long
15	638036651	Tension Bracket Motor
16	638036577	Hinge Ice Control
17	638007108-01	Canoe Clip
18	164005001	Pop Rivet
19	638036938	Plate Ice Control
20	638036123	Key Square Drive
21	638036603	Spacer Hub
22	70910	Screw No.10-32 X 1-1/4" Long
23	638007201-10	Nut No.10-32
24	638047377-001	Collar Shaft .75 I.D.
25	638004001	Switch Cover
26	638007009-10	Screw No.6 X 1-1/8" Long
27	638003924	Switch
28	638001662	Switch Insulator
29	638007337-03	E-Ring
30	638007264-02	Tinnerman Nut Twin
31	638032571	Switch Mounting Bracket
32	638032567	Actuating Pin Ice Level
33	638036910	Hub-Agitator Shaft
34	638007301-039	Flat Washer
35	638040033	Retaining Ring
36	638033798	Shaft, Agitator
37	638036923	Agitator Blade Assembly
38	27103	Screw 1/4-20 X 1/2" Long
39	638007301-18	Flat Washer
*	163424000	Strain Relief
*	638011665	Jumper Wire Ice Level Switch

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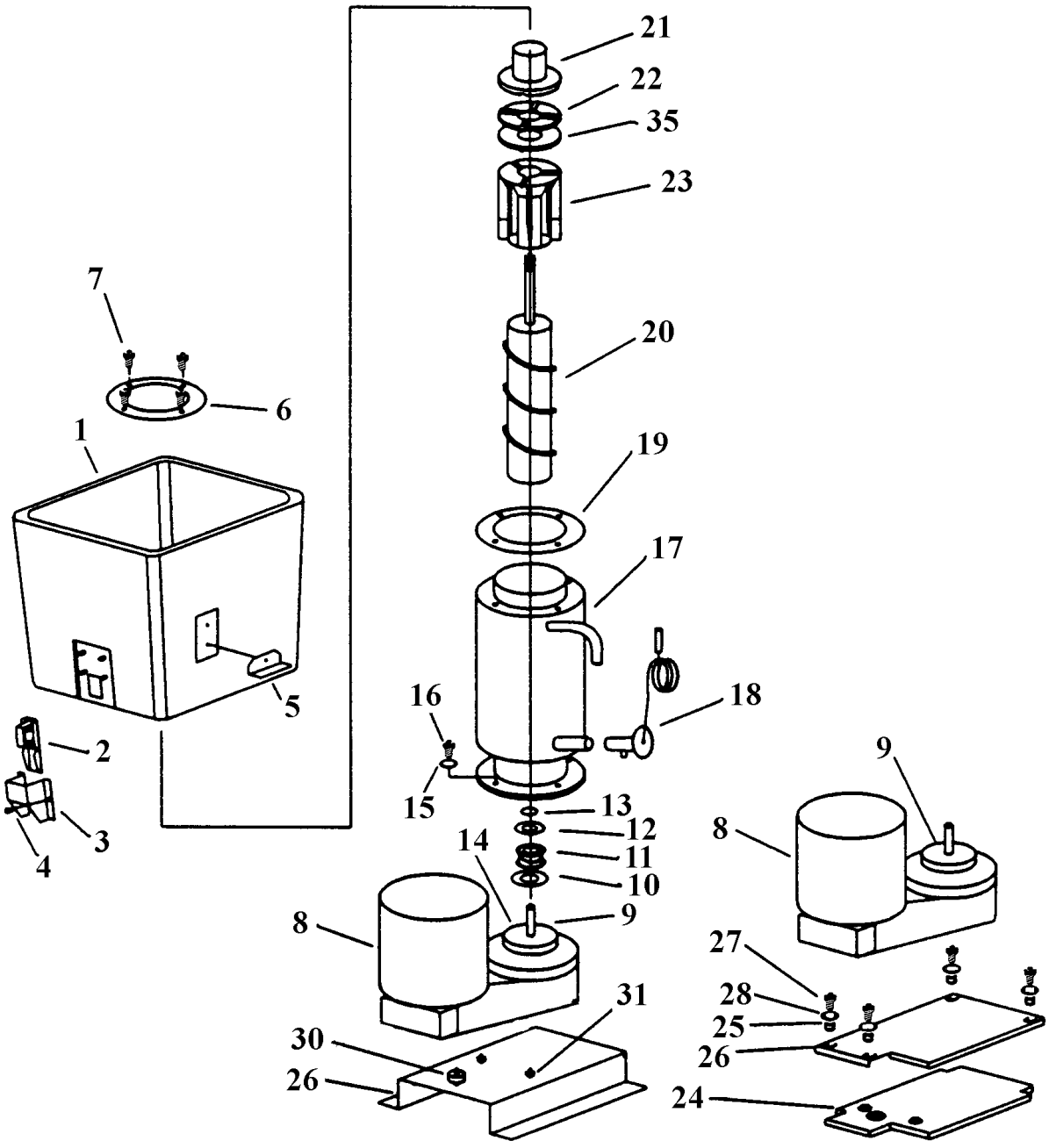
ILLUSTRATED PARTS LIST



IMD300-15 & 300-30 IMD 600-30

BIN AND FRONT END ASSEMBLY IMD 300-15, IMD 300-30, AND 600-30

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ILLUSTRATED PARTS LIST

Item No.	300-15 Part No.	300-30 Part No.	600-30 Part No.	Name
1	630000717	630000716	630000715	Storage Bin Assembly
2	638031108	638031108	638031108	Dispense Mechanism (115V)
			638031496-001	Dispense Mechanism (208V/60HZ)
	638031108-01	638031108-01	638031108-01	Dispense Mechanism (220V/50HZ)
3	638032513	638032039	638032039	Ice Chute, Upper
4	638007201-03	638007201-03	638007201-03	Nut No.8-32 ESNA
5	638032741	638032034	638032034	Clip Retainer
6	630900769	630900769	630900765	Retainer Ring
7	161179001	161179001	161179001	Screw 1/4-20 X 3/4" Long HHMS
8	638090050-002	638090050-002	638090050	Gearmotor (115V) w/items 11, 13, 14
	638090050-003	638090050-003	638090050-004	Gearmotor (208V/60Hz) w/items 11, 13, 14
	638090050-005	638090050-005	638090050-006	Gearmotor (220V/50Hz) w/items 11, 13, 14
*	638032797	638011645	638011645	Cable Assembly, Gearmotor 115V
*			638011649	Cable Assembly, Gearmotor 208V
*	638032797-001	638011647	638011647	Cable Assembly, Gearmotor 220V
9			638090215	Shaft Seal Mount
10			638031027	O-Ring 3/16 X 1-1/2"
11	638090051	638090051	638090051	Seal Shaft Mechanism
12			638007301-030	Washer Lower
13	638090053	638090053	638090053	E-Ring
14	638090116	638090116	638090216	Shaft Seal Seat
15	168833000	168833000	168833000	Washer Lock 1/4 Split
16	63807088-06	638007088-06	638007088-06	Screw 1/4-20 X 3/4" Long
17	630000633	630000633	630000650	Evaporator Assembly
18	638032758-001	638090126	638090226	Expansion Valve
19	630900766	630900766	630900764	Gasket, Hopper/Evaporator
20	638090113	638090113	638090213	Auger D-Drive
21	638090111-002	638090111-002	638090211-002	Auger Nut
22	638090119	638090119	638090219	Bearing Nylon
23	638090117	638090117	638090217	Extruding Head Assembly
24			6380995111	ISO-Pad
25			638004442	Spacer
26	638032723	638031511	638031517	Bracket, Front End Assembly
27			638007972-03	Screw No.10 X 3/4" Long Type B
28			638000845	Washer Flat
30	638007504	638007504		Vibration Mount, 5/16-18 Stud
31	6380K1008	6380K1008		Grommet
32	638007204-07	638007204-07		Nut-Keps 5/16-18
35	638090120	638090120	638090220	Bearing-Delrin

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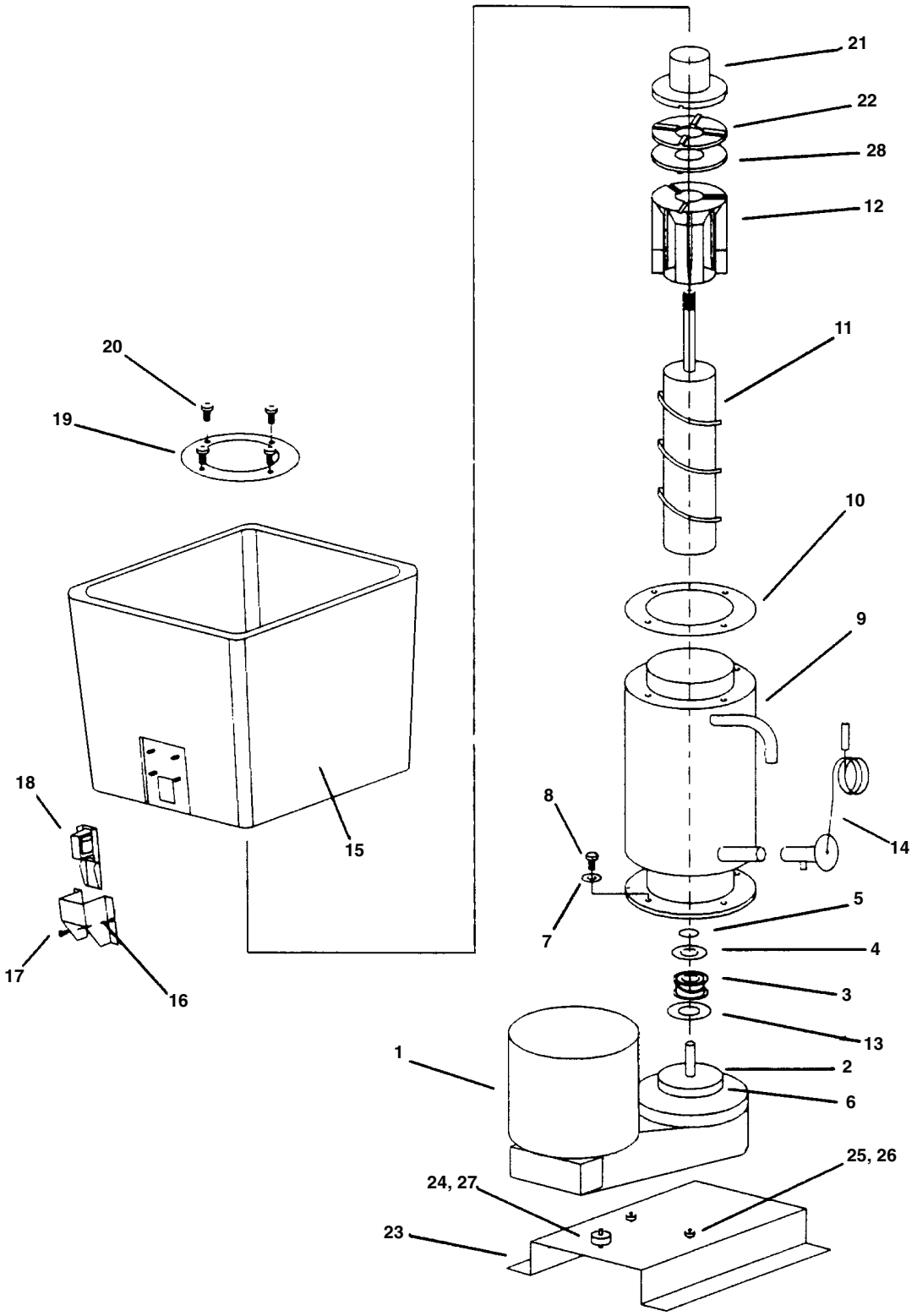
ILLUSTRATED PARTS LIST



BIN AND FRONT END ASSEMBLY IMD 600-90

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638090050 638090050-004 638090050-006	Gearmotor (115V) w/items 2-6 Gearmotor (208V) w/items 2-6 Gearmotor (220V) w/items 2-6
*	638011645	Cable Assembly Gearmotor 115V
*	638011647	Cable Assembly Gearmotor 208V
*	638011647	Cable Assembly Gearmotor 220V
2	638090215	Shaft Seal Mount
3	638090051	Seal Shaft Mechanism
4	638007301-030	Washer Lower Bearing
5	638090053	E-Ring
6	638090216	Seat Shaft Seal
7	168833000	Washer Lock 1/4 Split
8	638007088-06	Screw 1/4-20 X 1/2" Long
9	630000650	Evaporator Assembly
10	630900764	Gasket Hopper/Evaporator
11	638090213	Auger 2-1/2" D-Drive
12	630600608	Extruding Head Assembly 2-1/2"
13	638031027	O-Ring 3/16 X 2" I.D.
14	638090226	Valve Thermal Expansion
15	630000714	Storage Bin Assembly
16	638032287	Ice Chute
17	638007201-03	Nut No.8-32
18	638031108 638031496-001 638031108-01	Dispense Mechanism Ass'y (115V) Dispense Mechanism Ass'y (208V) Dispense Mechanism Ass'y (220V)
19	630900765	Retainer Ring Storage Bin
20	638007088-06	Screw 1/4-20 X 7/8" Long
21	638090211-002	Auger Nut
22	638090219	Bearing Nylon
23	638032514	Bracket Front End Assembly
24	638007504	Vibration Mount 5/16-18 Stud
25	6380K1008	Grommet
26	164083002	Nut-Keps No.10-32
27	638007204-07	Nut-Keps 5/16-18
28	638090220	Bearing Delrin

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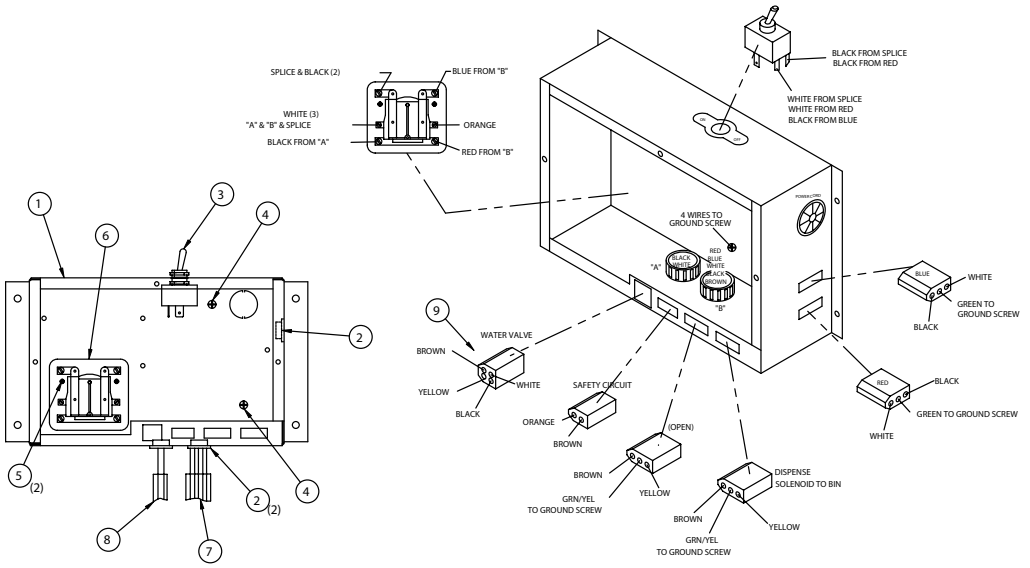
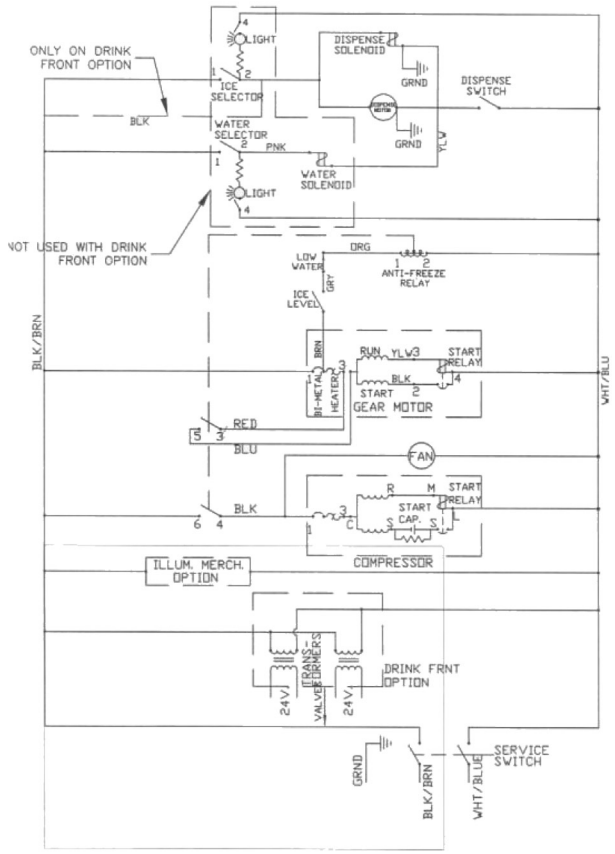
ILLUSTRATED PARTS LIST





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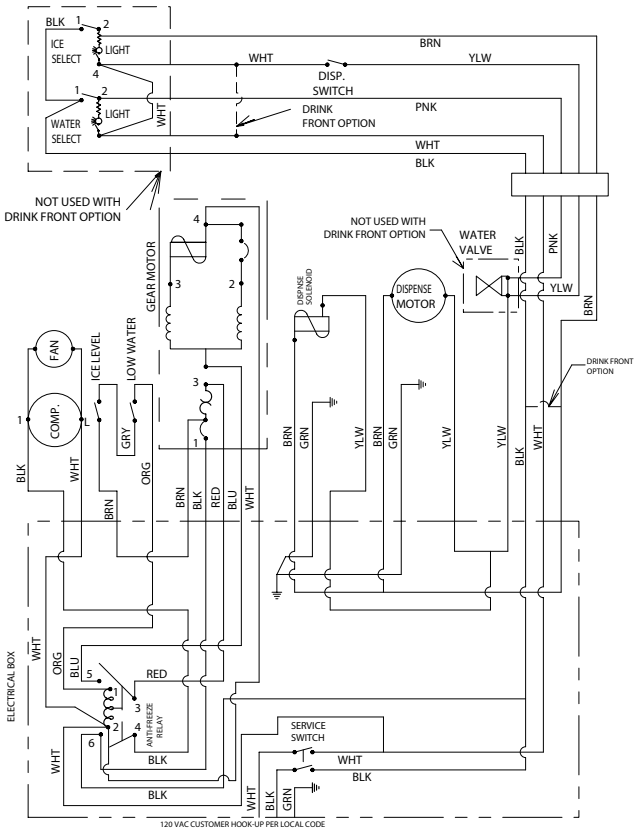

IMD300-15

ELECTRICAL BOX ASSEMBLY PART NO. 32776 IMD 300-15 AND 32776-002 IMD 302-15

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638032794	Electrical Box
2	163529000	Bushing
3	638004791	Switch Toggle
4	638007051-06	Screw No.10-32 X 3/8”
5	638007030-02	Screw No.8 X 5/8”
6	638004402 638010018	Relay 115V Relay 220V

Item No.	Part No.	Name
7	638032798	Cable, Gearmotor
8	638032820	Cable, Compressor
*	638032820	Cable, Safety Circuit
*	630300242	Main Wire Harness 115V
*	630300294	Main Wire Harness 220V

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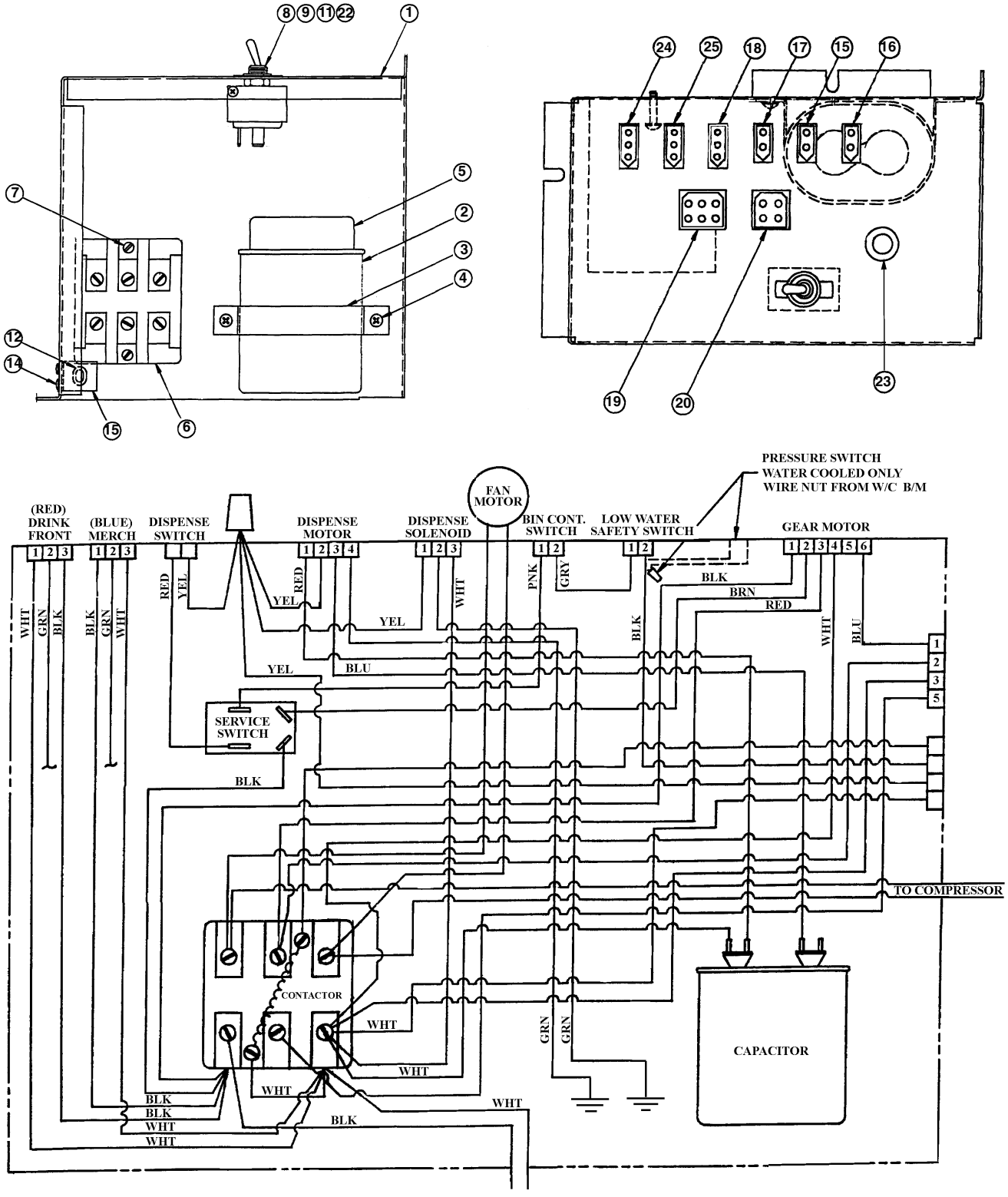
ILLUSTRATED PARTS LIST



ELECTRICAL BOX ASSEMBLY IMD 300-30, IMD 600-30, AND IMD 600-90 (ALL VOLTAGES)

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638031001	Electrical Box
2	638035039 638031003 638031205	Capacitor Run (600-90 and 602-90) Capacitor Run (300-30 and 600-30) Capacitor Run (301-30, 302-30, 601-30 and 602-30)
3	630200166	Bracket Capacitor
4	07578 09559	Screw No. 8-32 X 3/8” Nut, Weld No. 8-32
6	638090052 638090054	Contactor 3-Pole (115V/60Hz) Contactor 3-Pole (208/220V)
7	630900111	Screw No.8-32 X 3/4”
8	638004791	Switch Toggle
10		
11	638007303 -04	Washer 15/32-32
12	163424000	Strain Relief
13	638031129	Bracket Strain Relief
14	164005001	Pop Rivet
23	630900209	Bushing
24	638011657	Cable Assembly Drink Front
25	638011708	Cable Assembly Merchandiser Jumper
*	638031498	Auger Delay 60-Sec (115V)
*	630300210	Wire Harness
*	638031796	Timer Delay 45-Sec (115V)
*	638031876	Timer Delay 45-Sec (208V)
*	638031876	Timer Delay 45-Sec (220V)
*	638031084	Cover Electrical Box (300-30)
*	638031084	Cover Electrical Box (600-30)
*	638031738	Cover Electrical Box (600-90)
*	638031877-001	Cover Timer Control (600-90)
*	638032146	Merchandiser Step Down Transformer
*	638032091	Transformer (for optional drink valves)

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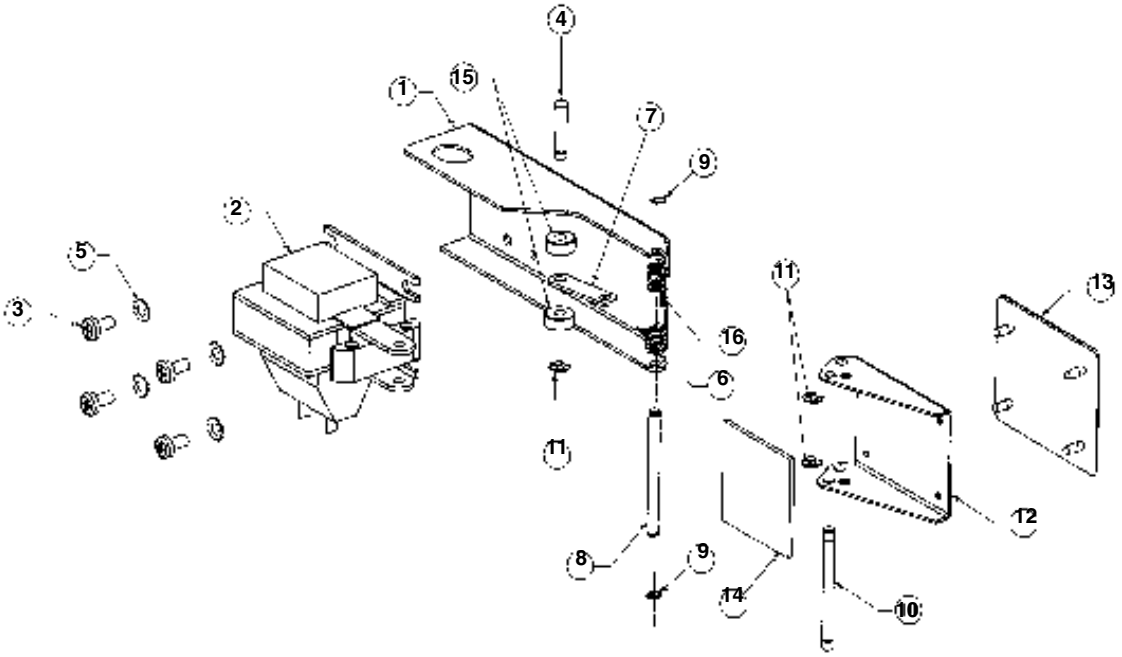
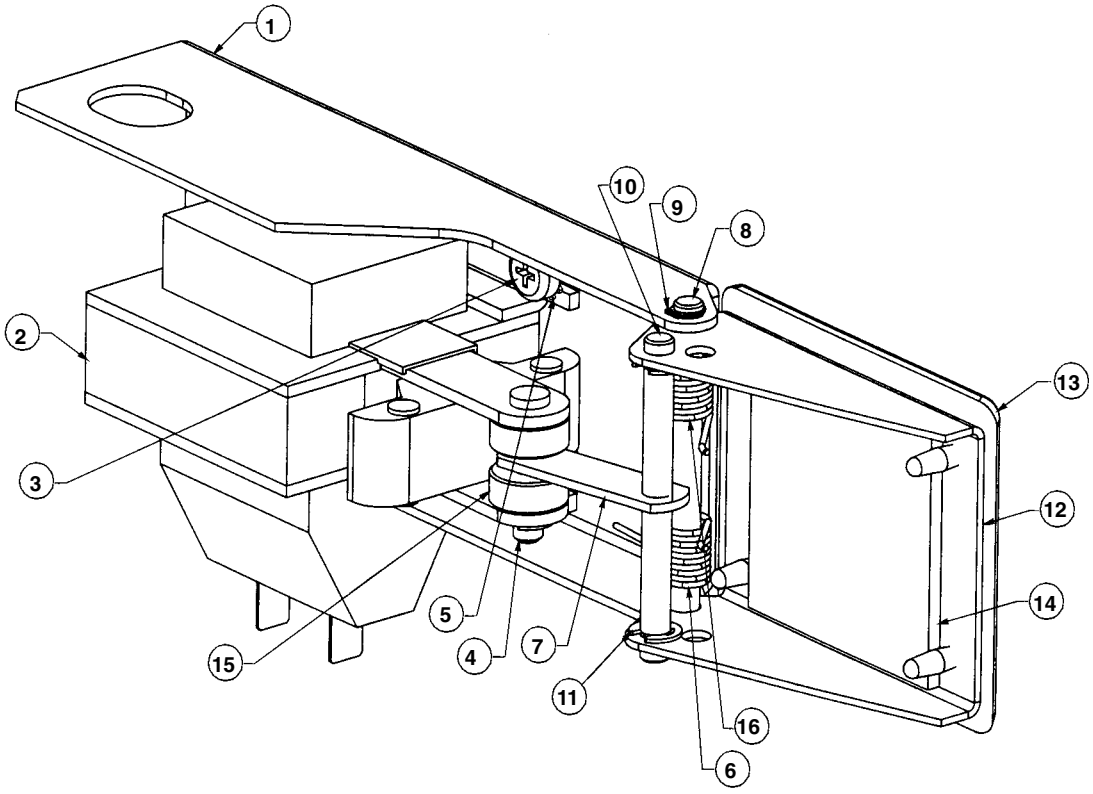
ILLUSTRATED PARTS LIST





DISPENSE MECHANISM ASSEMBLY IMD300-15, IMD300-30, IMD600-30, AND IMD600-90
EXPLODED VIEW

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ILLUSTRATED PARTS LIST

Item No.	Part No.	Name
1	638031035 638031505	Bracket Solenoid Mounting (115V) Bracket Solenoid Mounting (208V)
2	638010081 638031499-001 638010019	Solenoid (115V) Solenoid (208V) Solenoid (220V)
3	638007051-02	Screw No. 10-32 By 3/8” Long
4	638031007	Pin Linkage
5	638007337-02	Retainer E-Ring
6	638000981	Spacer
7	638031006	Linkage (115V)
8	638004443	Spring Torsion Lower
9	638004417	Pin Drive
11	638004416	Pin Pivot
12	638007338-01	Retainer Ring
13	638031036-001	Door
14	638031002	Gasket Door
15	638004418	Spring Torsion Upper

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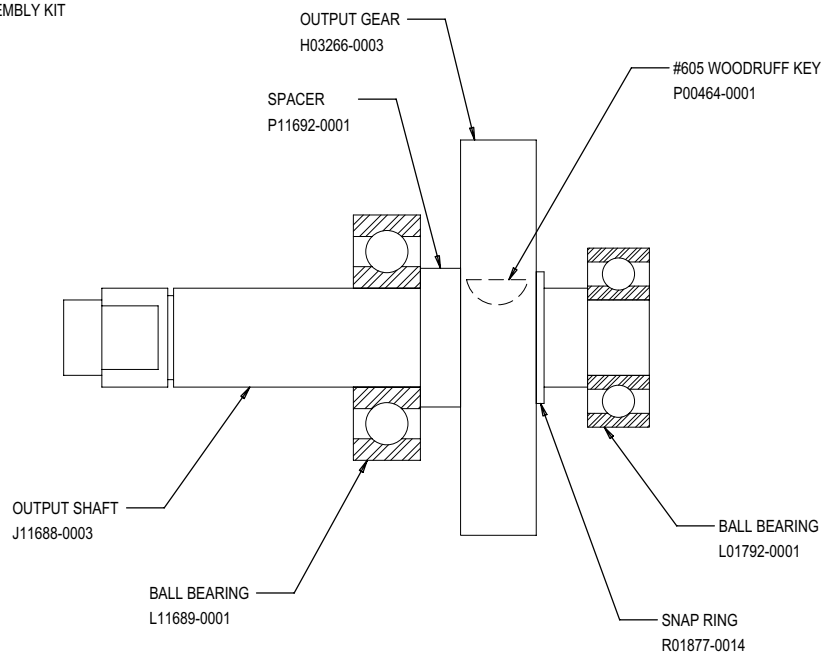
ILLUSTRATED PARTS LIST

90001
OUTPUT ASSEMBLY KIT



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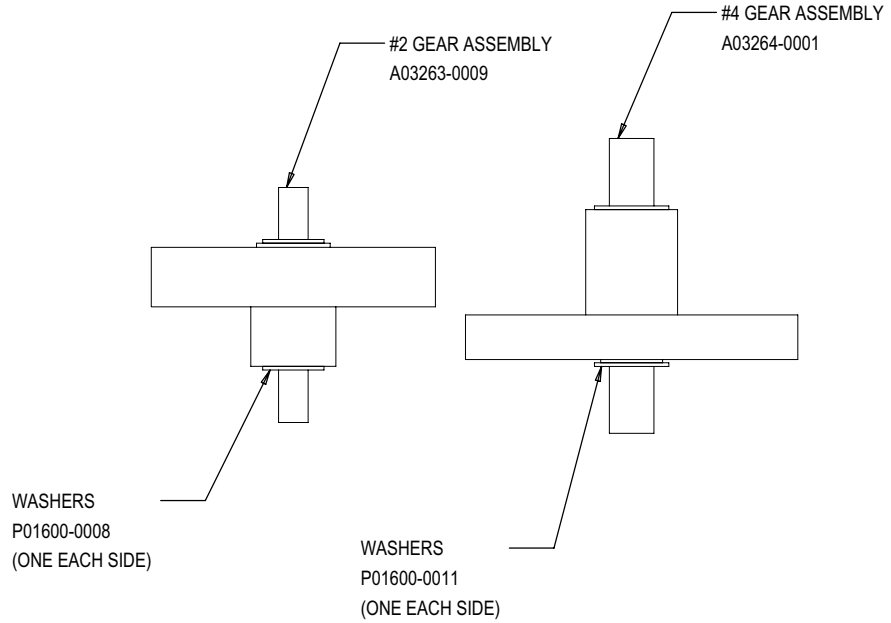
INTERMEDIATE GEAR ASSEMBLY KIT



GEAR MOTOR ASSEMBLY

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ILLUSTRATED PARTS LIST

90000-001
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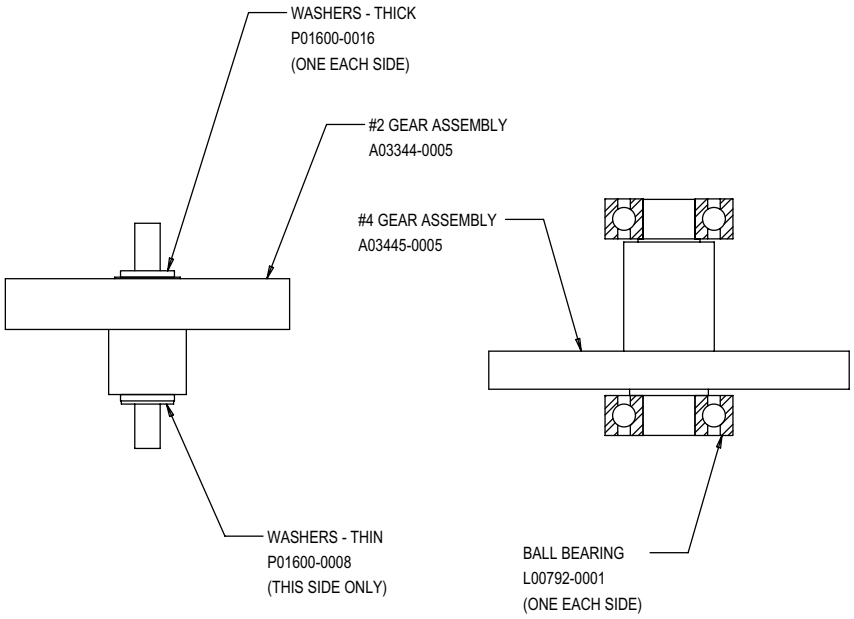
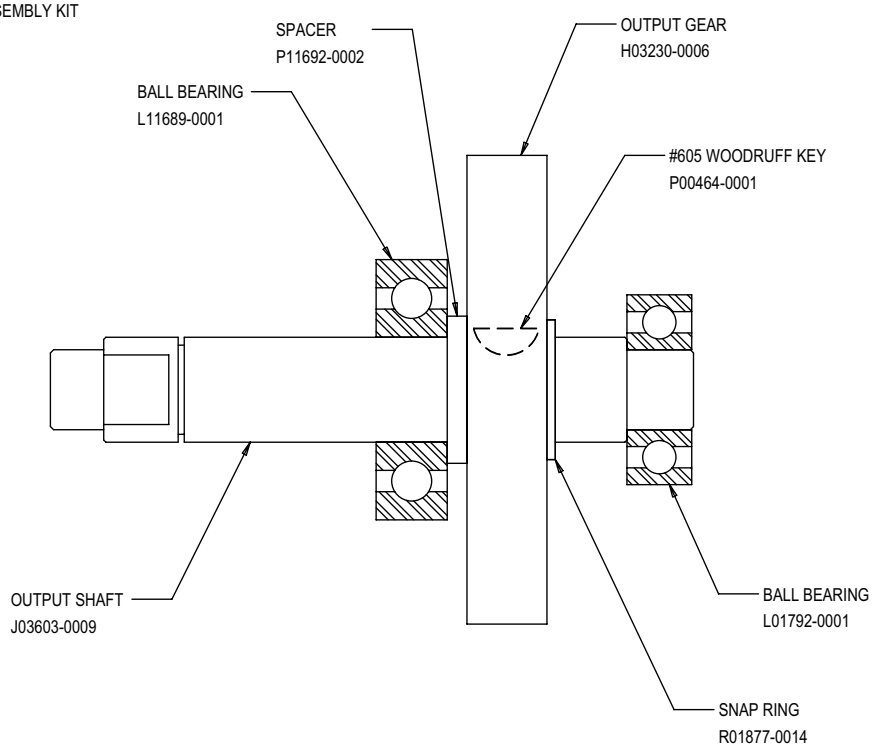


90000-001
OUTPUT ASSEMBLY KIT



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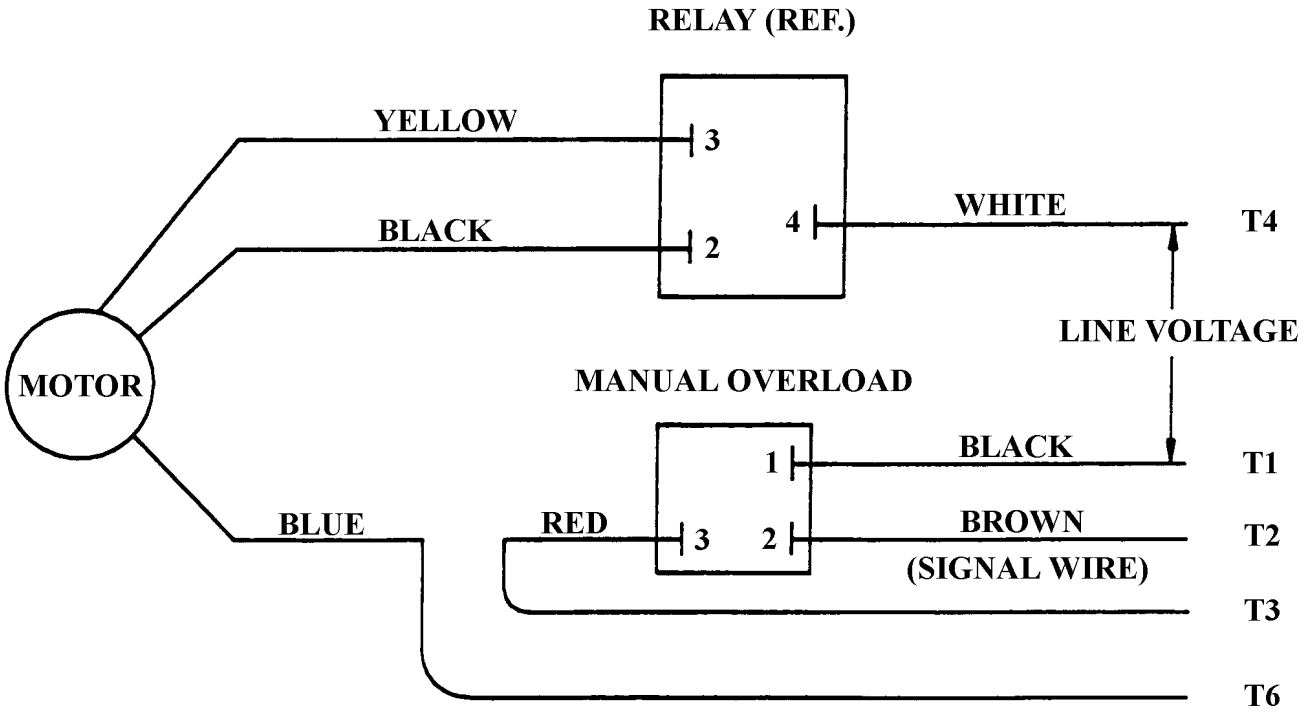
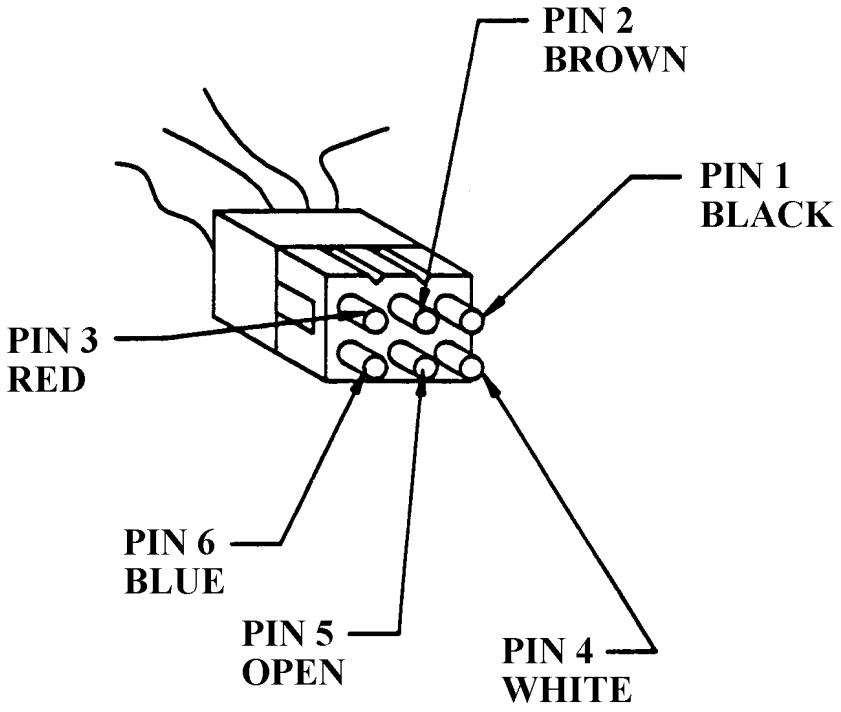
ILLUSTRATED PARTS LIST





GEAR MOTOR ASSEMBLY WIRE DIAGRAM (ALL VOLTAGES) EXPLODED VIEW

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